| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L1       | 1091 | 385/37,119,123-128,ccls.<br>362/551,558.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/09/02 15:46 |
| L5       | 19   | 1 and (((fiber fibre) near2 (end\$1 tip\$1) near5 (shap\$4 diffract\$3 pattern\$3)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/09/02 15:51 |
| L6       | 0    | 1 and ((fiber fibre) near1 end\$1<br>near5 (shap\$4 pattern\$3) near6<br>diffract\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/09/02 15:50 |
| L7       | 0    | 1 and (((fiber fibre) near2 end\$1<br>near5 (shap\$4 pattern\$3)) same<br>((fiber fibre) near2 end\$1 near4<br>diffract\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF ·   | 2005/09/02 15:50 |
| L8       | 0    | 1 and (((fiber fibre) near2 tip\$1<br>near5 (shap\$4 pattern\$3)) same<br>((fiber fibre) near2 tip\$1 near4<br>diffract\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/09/02 15:51 |
| S1       | 2    | "4846552".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/08/31 17:36 |
| S2       | 2    | "5718496".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/08/31 17:55 |
| S3       | 18   | ("4733937" "4846552" "5113286"<br> "5148317" "5570442" "5581683"<br> "5718496" "5719973" "5859945"<br> "5891747" "5973730" "6025938"<br> "6072631" "6157756" "6294665"<br> "6313948" "6394665" "0060721"<br>).PN. | US-PGPUB;<br>USPAT                          | OR                  | ON      | 2005/09/01 10:59 |
| S4       | 11   | S3 and (fiber waveguide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/08/31 18:00 |
| S5       | 6    | (fiber waveguid\$3) same ((end<br>tip) near4 (diffract\$ lens)) same<br>((even constant level homogen\$5)<br>near5 pattern)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/09/01 10:15 |
| S6       | 9519 | (fiber waveguid\$3) near9 ((end tip) near4 (diffract\$ lens))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/08/31 18:28 |

| S7  | 32727 | (larg\$4 expand\$4 magnif\$6) near6<br>((even constant level homogen\$5)<br>near5 pattern) (flattop flat-top<br>(flat adj top))                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/31 18:30 |
|-----|-------|---|---|----|----|------------------|
| S8  | 69    | S6 and S7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/31 18:30 |
| S9  | 10    | (fiber waveguid\$3) same ((end<br>tip) near4 (diffract\$ grating))<br>same ((even constant level<br>homogen\$5) near5 pattern)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:17 |
| S10 | 18    | (fiber waveguid\$3) near5 ((end tip) near4 (diffract\$ grating)) and (even near4 illuminat\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:21 |
| S11 | 14    | (fiber waveguid\$3) near5 ((end<br>tip) near4 (diffract\$ grating)) and<br>(flattop flat-top (flat adj top))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:22 |
| S12 | 613   | (fiber waveguid\$3) near4 (etch\$3 mold\$4 cut\$4) near4 (diffract\$ grating)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:23 |
| S13 | 0     | ((fiber waveguid\$3) near4 (etch\$3 mold\$4 cut\$4) near4 (diffract\$ grating)) same (even near4 illuminat\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:24 |
| S14 | 13    | ((fiber waveguid\$3) near4 (etch\$3 mold\$4 cut\$4) near4 (diffract\$ grating)) and (even near4 illuminat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:27 |
| S15 | 10    | ((fiber waveguid\$3) near4 (etch\$3 mold\$4 cut\$4) near4 (diffract\$ grating)) and (flattop flat-top (flat adj top))                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:27 |
| S16 | 21    | ((fiber waveguid\$3) near4 (etch\$3 mold\$4 cut\$4) near4 (diffract\$ grating)) and (uniform\$3 near4 illuminat\$3)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:31 |
| S17 | 0     | (fiber) same ((etch\$3 mold\$4 cut\$4) near (diffract\$ grating)) same ((uniform\$3 even constant level) near4 (illuminat\$3 power intensit\$3))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:32 |
| S18 | 10    | ((fiber) near5 ((etch\$3 mold\$4 cut\$4) near (diffract\$ grating))) and ((uniform\$3 even\$4 constant level) near4 (illuminat\$3 power intensit\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/01 10:34 |

| S19 | 12   | ((fiber) near5 ((etch\$3 mold\$4 cut\$4) near (diffract\$ grating))) and ((uniform\$3 even\$4 constant level) near4 (illuminat\$3 power intensit\$3 light)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 10:35 |
|-----|------|---|---|----|-----|------------------|
| S20 | 2    | S19 not S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 10:35 |
| S21 | 28   | fiber near5 (etch\$4 mold\$4 cut\$4)<br>near5 (diffract\$ grating lens)<br>near5 pattern  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:23 |
| S22 | 175  | fiber near5 (etch\$4 mold\$4 cut\$4)<br>near5 (diffract\$ grating lens)<br>near5 (tip end (end-face))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:18 |
| S23 | 15   | S22 and gaussian  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 11:06 |
| S24 | 7    | S22 and (beam near4 expand\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:17 |
| S25 | 15   | S22 and ((even uniform\$3) near4 (illuminat\$4 power intensity))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:22 |
| S26 | 2109 | fiber near7 ((even uniform\$3)<br>near4 (pattern illuminat\$4 power<br>intensity))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:23 |
| S27 | 816  | fiber near5 (etch\$4 mold\$4 cut\$4)<br>near5 (diffract\$ grating lens)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:23 |
| S28 | 15   | S26 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 13:49 |
| S29 | 20   | fiber near6 (three-dimension\$4 3D (three adj dimension\$2)) near8 diffract\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/01 14:08 |
| S30 | 0    | (fiber fibre) near1 end\$1 near3<br>shap\$4 near4 pattern\$3 near4<br>diffract\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/01 15:39 |

| S31 | 4  | (fiber fibre) near1 end\$1 near5<br>(shap\$4 pattern\$3) near6<br>diffract\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/02 15:50 |
|-----|----|--|---|----|-----|------------------|
| S32 | 11 | ((fiber fibre) near2 end\$1 near5<br>(shap\$4 pattern\$3)) same ((fiber<br>fibre) near2 end\$1 near4<br>diffract\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/02 15:50 |
| S33 | 7  | S32 not S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/01 16:24 |
| S34 | 2  | ((fiber fibre) near2 tip\$1 near5<br>(shap\$4 pattern\$3)) same ((fiber<br>fibre) near2 tip\$1 near4 diffract\$5)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/02 15:51 |